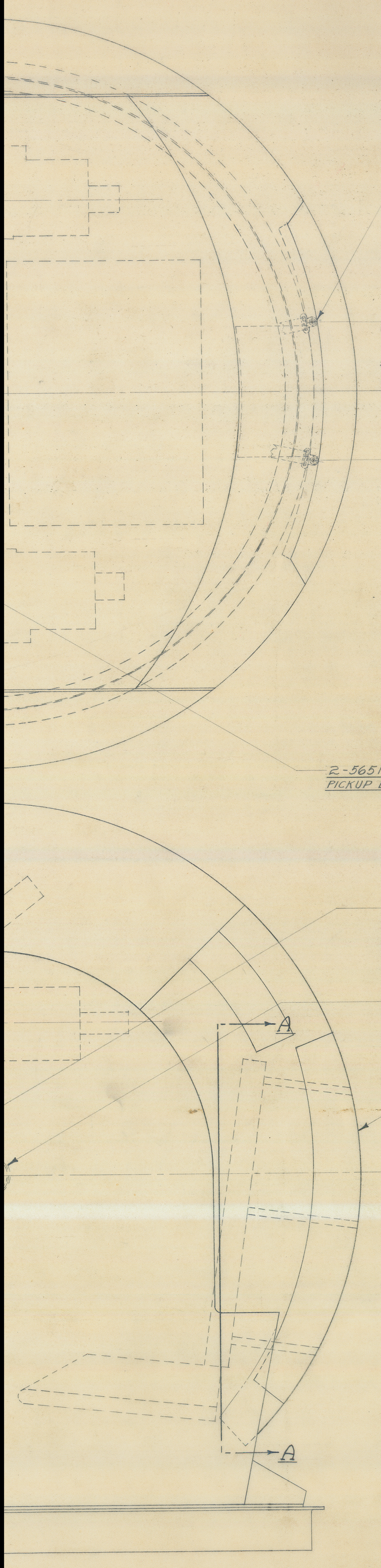


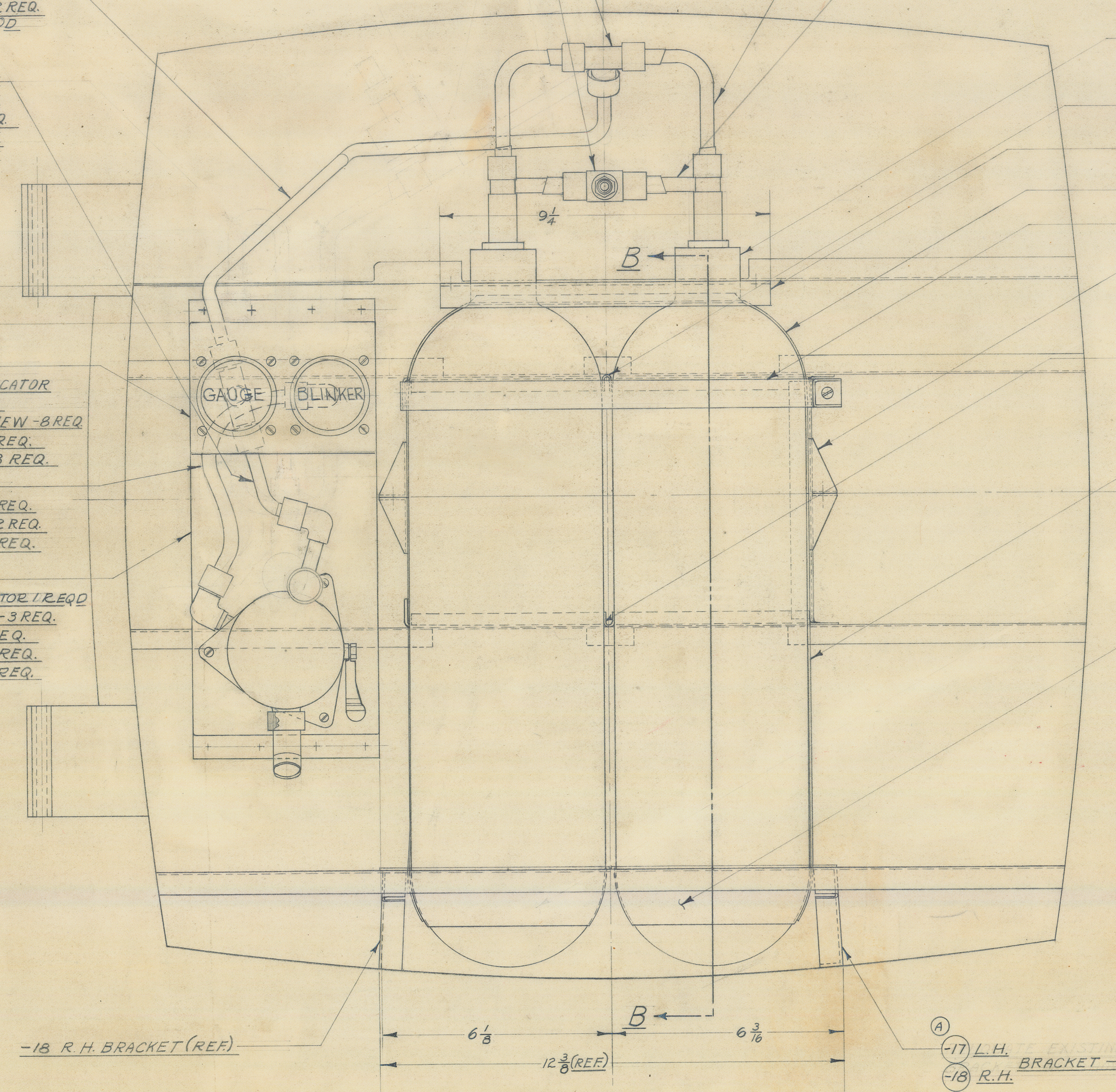
(A) NAF1201-1 SAFETY BELT ASSEM.
AN510-10-7 SCREW
NAF 1137-1032 NUT
2 EACH REQ.

2-5651 INDICATOR ASSEM.
PICKUP EXISTING BOLT

1-5647 PLATE
AN526-632-10 SCREW - 2 REQ
NAF 1137-632 NUT - 2 REQ.
INSTALL 1-5647 PLATE OVER RUBBER
ON PLUNGER ARM.

5-5351 OUTER CAM MODIF.
4-5510 CAM ASSEM.

ERCO SPHERICAL TURRET MODEL 250-SH-2



(E) TUBE (-21)
AN 818-5D NUT - 2 REQ.
AN 819-5D SLEEVE - 2 REQ.
AN 825-5D TEE 1 REQD

(E) (C) TUBE (-22)
AN 818-5D NUT - 2 REQ.
AN 819-5D SLEEVE - 2 REQ.
AN 822-5D ELBOW - 1 REQ.

2-5615 BRACKET
TYPE A-1 FLOW INDICATOR
PRESSURE GAUGE
AN 526-632-8 SCREW - 8 REQ.
AN 456D3 RIVET - 8 REQ.
NAF 1137-632 NUT - 8 REQ.

(E) (C) TUBE (-23)
AN 818-5D NUT - 2 REQ.
AN 819-5D SLEEVE - 2 REQ.
(B) AN 822-5D ELBOW - 2 REQ.

5-5633 BRACKET
(E) PIONEER #2858A1A REGULATOR 1 REQD
AN526-1032-8 SCREW - 3 REQ.
(D) NAF 1137-1032A NUT - 3 REQ.
AN 456D4 RIVET - 8 REQ.
AN426-D3 RIVET 6 REQ.

AN 825-5D TEE
AN 912-1D BUSHING
AN 910-2D COUPLING
AN 6027-1 ADAPTER

AN 824-5D TEE

(-6) TUBE -2 REQ.
AN 818-5D NUT - 4 REQ.
AN 819-5D SLEEVE - 4 REQ.

(-7) TUBE -2 REQ.
AN 818-5D NUT - 4 REQ.
AN 819-5D SLEEVE - 4 REQ.

NAF 1135-16 CYLINDER - 2 REQ.
1-5646 ADAPTER - 2 REQ.
SCHRADER #1669 DUAL CHECK VALVE - 2 REQ.

4-5655-1 R.H. SUPPORT
AN 456D4 RIVET - 15 REQ.

(-10) ANGLE
AN 526-1032-8 SCREW - 2 REQ.
NAF 1137-1032 NUT - 2 REQ.

4-5648 TIEDOWN

(-8) STRAP (.040 × 3/4 × 18 1/2)
AN 456D4 RIVET - 3 REQ.
1-5643 LUG - 6 REQ.
AN 426-D4 RIVET - 12 REQ.
AN 526-1032-8 SCREW - 6 REQ.
NAF 1137-1032 NUT - 6 REQ.

4-5655 L.H. SUPPORT
AN 456D4 RIVET - 15 REQ.

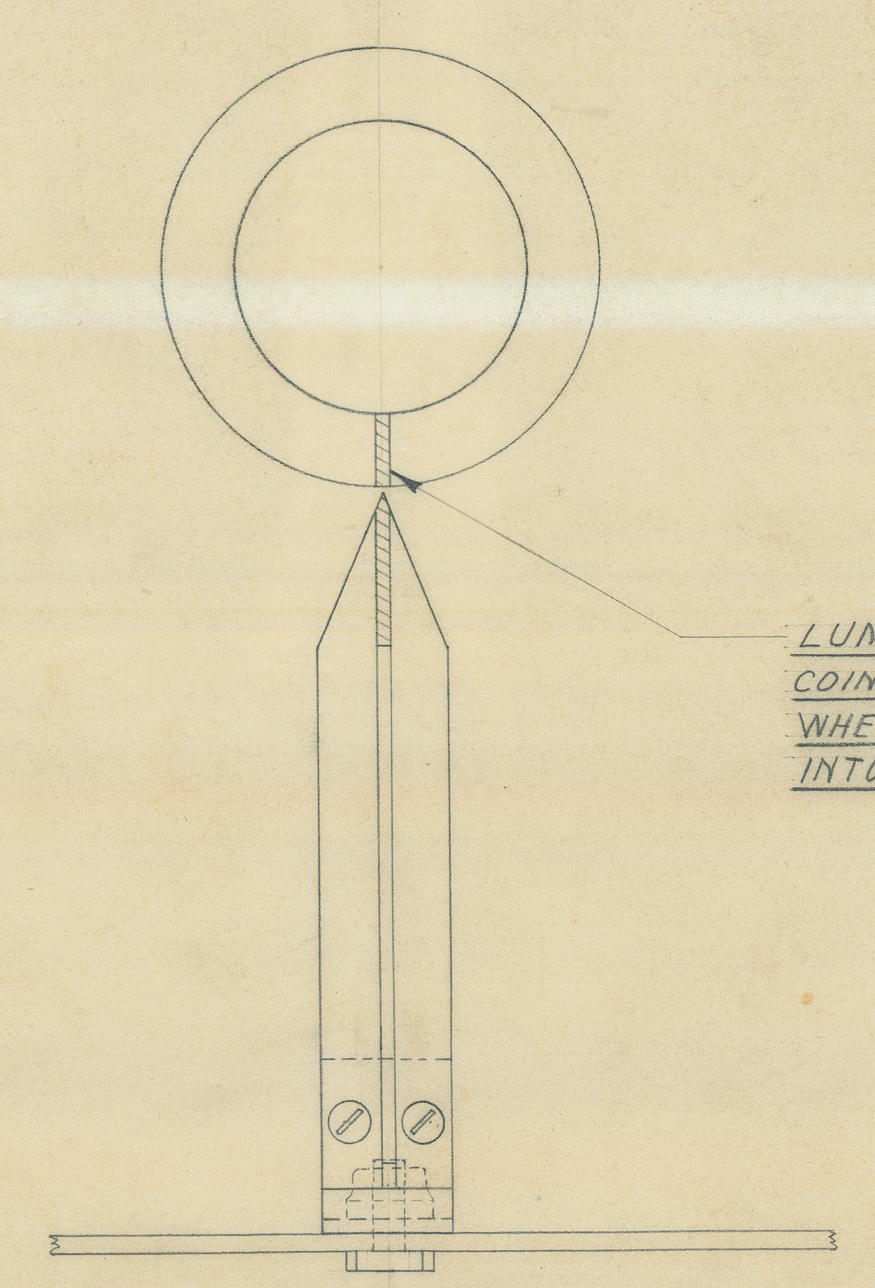
(-9) STRAP - 2 REQ. (.040 × 3/4 × 11 3/4)
AN 426D4 RIVET - 6 REQ.

4-5656 RECEPTACLE - 2 REQ.
AN 456D4 RIVET - 20 REQ.
ENLARGE EXISTING LIGHTENING
HOLES AS REQ'D. FOR 4-5656
RECEPTACLE.

-18 R.H. BRACKET (REF.)

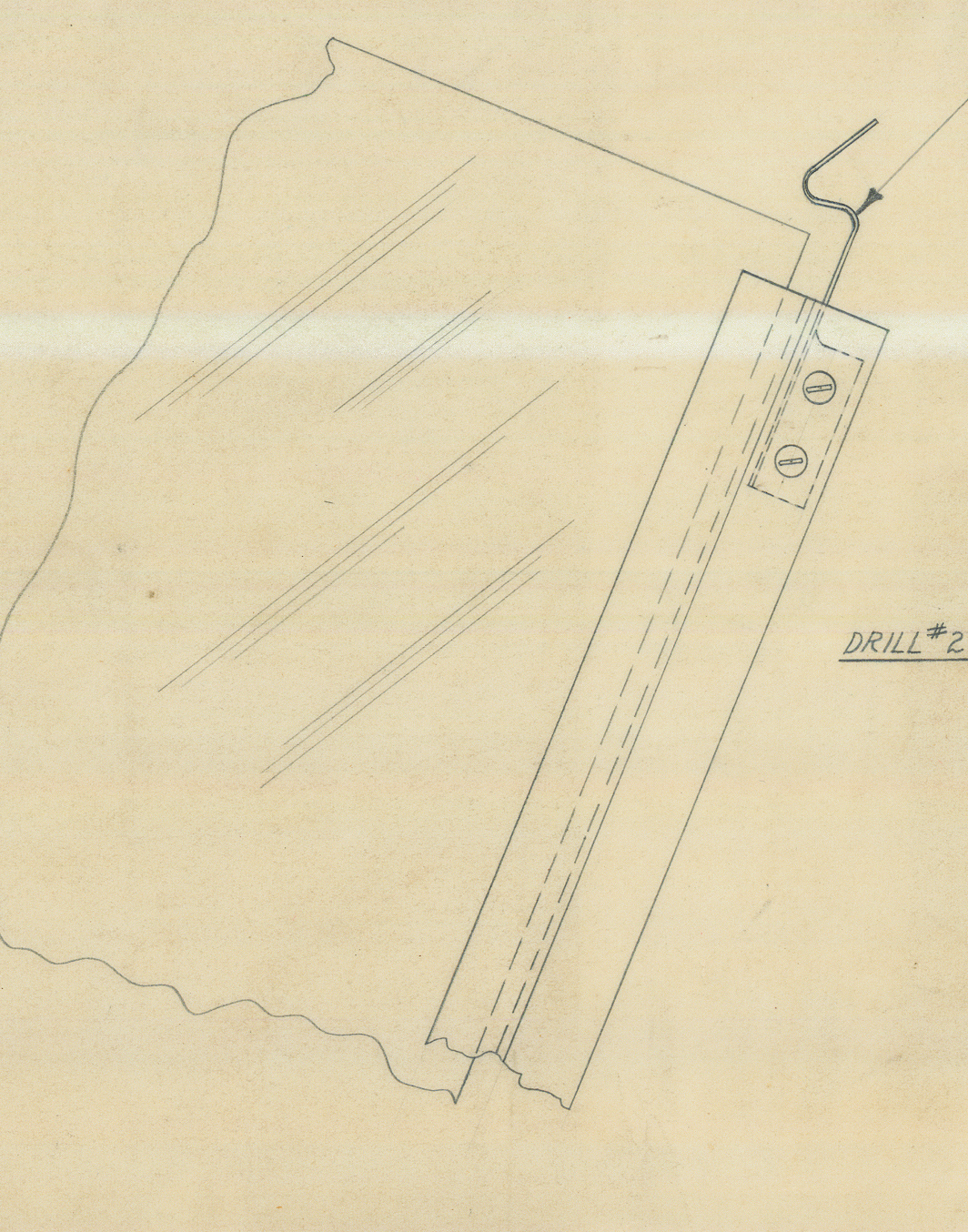
(A) (-17) L.H.
(-18) R.H. BRACKET - REWORK & RELOCATE EXISTING BRACKETS AS REQ'D.

VIEW A-A
SCALE - HALF SIZE



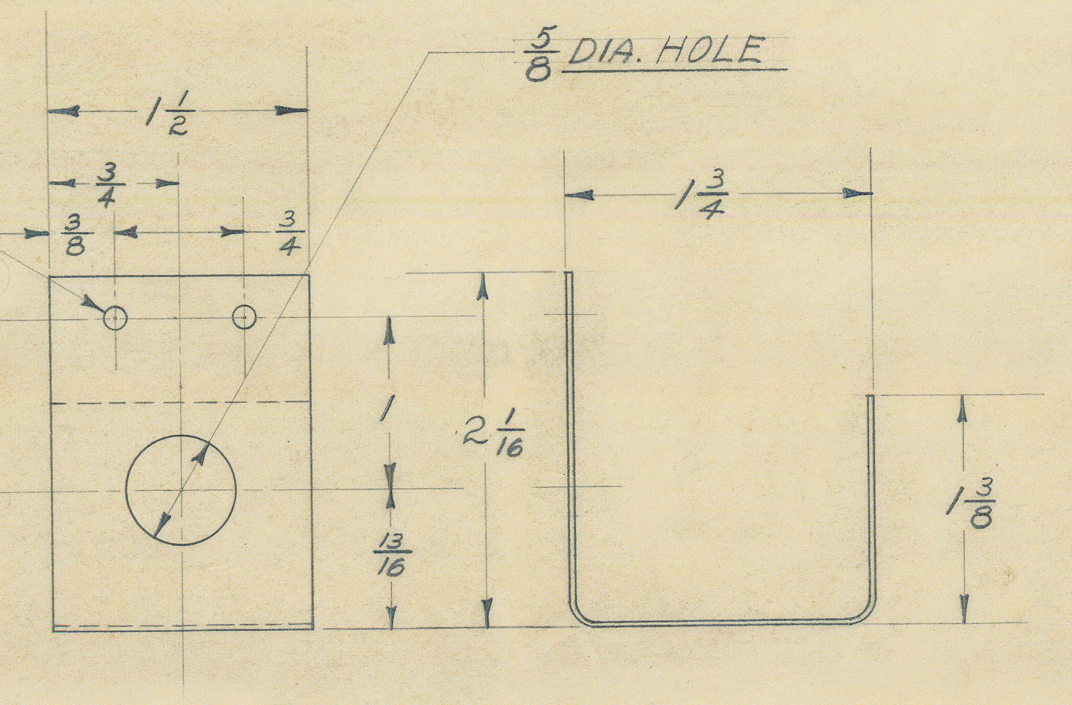
LUMINOUS PAINT STRIPE TO
COINCIDE WITH POINTER STRIPE
WHEN POSITIONED TO OPEN DOOR
INTO AIRPLANE.

VIEW C-C
SCALE - FULL SIZE



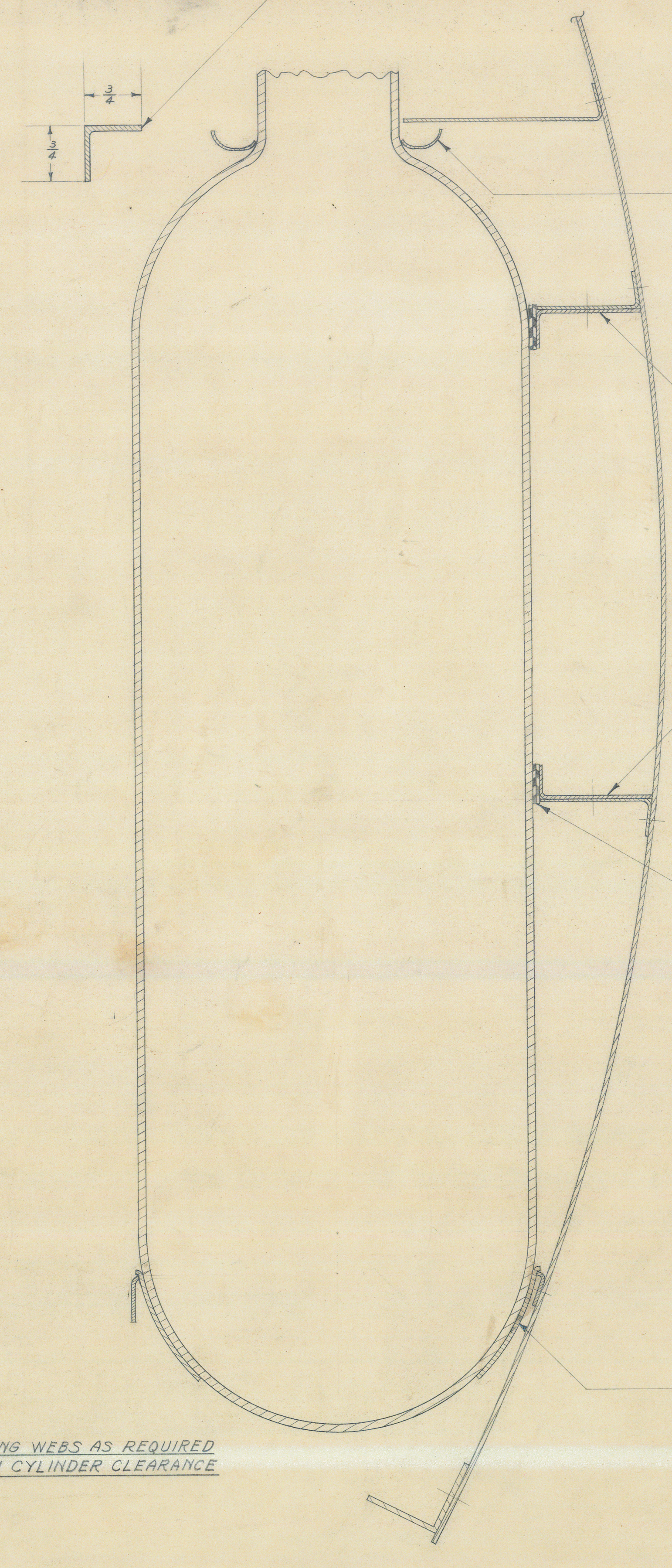
1-5640 LATCH (REF.)
LOCATE TO ALLOW REMOVAL OF WINDOW

VIEW D-D
SCALE - FULL SIZE



(A) -20 BRACKET
SCALE - FULL SIZE

NOTE:
TRIM EXISTING WEBS AS REQUIRED
FOR OXYGEN CYLINDER CLEARANCE



-10 ANGLE (REF.)
4-5648 TIEDOWN (REF.)
4-5655-1 R.H. SUPPORT (REF.)
4-5655 L.H. SUPPORT (REF.)
(-11) STRIP - 8 REQ.
4-5656 RECEPTACLE (REF.)

SECTION B-B
SCALE - FULL SIZE

REF: (E)
PB4Y-1 NAS. S.D. LOCAL CHG. NO. 124

	NO. REQ.	PART NO.	NO. REQ.	PART NO.	NAME	STOCK	MATERIAL	SPEC.	T.S.	FINISH	UNIT WT.
(D)			3	NAF 1137-1032A	ANCHOR NUT						
			2	SCHRADER #1669	DUAL CHECK VALVE						
			1	TURRET -	ERCO MODEL 250-SH-2						
			1	AC42B3593-2	LAMP INDICATOR ASSEM.						
			1	AC 27368	PRESSURE GAGE						
(E)			1	#2858A1A	REGULATOR (PIONEER)						
(E)											
			1	AC 40389	TYPE A-1 FLOW INDICATOR						
			2	NAF 1135-16	CYLINDER						
			2	NAF 1201-1	SAFETY BELT ASSEM.						
			88	NAF 1029C-4-4	SCREW						
			10	NAF 1137-1032	NUT						
			14	NAF 1137-632	NUT						
(B)			3	AN822-5D	ELBOW						
			8	AN 960-A6	WASHER						
(E)											
			1	AN6027-1	ADAPTER						
			1	AN912-1D	BUSHING						
			1	AN910-2D	COUPLING						
			2	AN825-5D	TEE						
			1	AN824-5D	TEE						
(E)			14	AN819-5D	SLEEVE						
(E)			14	AN818-5D	NUT						
			2	AN526-632-10	SCREW						
			11	AN526-1032-8	SCREW						
			12	AN526-632-8	SCREW						
			2	AN510-10-7	SCREW						
		P60-8	1	5-5633	BRACKET						
			1	5-5351	OUTER CAM MODIF.						
			1	4-5510	CAM ASSEM.						
		P60-7	2	4-5656	RECEPTACLE						
		P60-1R	1	4-5655-1	R.H. SUPPORT						
		P60-1L	1	4-5655	L.H. SUPPORT						
		P60-2	1	4-5648	TIEDOWN						
			1	2-5651	INDICATOR ASSEM.						
		P60-9	1	2-5615	BRACKET						
			1	1-5647	PLATE						
			2	1-5646	ADAPTER						
			4	1-5644	ANGLE						
		P60-3	6	1-5643	LUG						
			1	1-5640	LATCH						
		P60-81	1	-20	BRACKET	.040 × 1 1/2 × 5 1/8	AL. ALL. 24ST	AN-A-12	62,000	3-9	
			2	-19	ANGLE	.064 × 1 1/8 × 17	AL. ALL. 24ST	AN-A-12	62,000	3-9	
			1	-18	R.H. BRACKET						
			1	-17	L.H. BRACKET						
		P6-70D	2	-16	STRIP	.040 × 1/2 × 30 1/2	AL. ALL. 24ST	AN-A-12	62,000	3-9	
		P6-70A-R	1	-15	R.H. SPLICE	.040 × 1/2 × 5 1/2	AL. ALL. 24ST	AN-A-12	62,000	3-9	
		P6-70A-L	1	-14	L.H. SPLICE	.040 × 1/2 × 5 1/2	AL. ALL. 24ST	AN-A-12	62,000	3-9	
		P6-70B	2	-13	STRIP	.040 × 1/2 × 40	AL. ALL. 24ST	AN-A-12	62,000	3-9	
			1	-12	SEAL	1/32 × 2 3/4 × 140	NEOPRENE (OR EQUAL)				
			8	-11	STRIP	1/32 × 9/16 × 7	NEOPRENE (OR EQUAL)				
		P60-6	1	-10	ANGLE	.064 × 1 1/2 × 9 1/2	AL. ALL. 24ST	AN-A-12	62,000	3-9	
		P60-5	2	-9	STRAP	.040 × 3/4 × 11 3/4	AL. ALL. 24ST	AN-A-12	62,000	3-9	
		P60-4	1	-8	STRAP	.040 × 3/4 × 18 1/2	AL. ALL. 24ST	AN-A-12	62,000	3-9	
		H1-0X-85	2	-7	TUBE	5/16 O.D. × .032 × 3 1/2	AL. ALL. 52S	WW-T-787		3-9	
		H1-0X-86	2	-6	TUBE	5/16 O.D. × .032 × 3 5/8	AL. ALL. 52S	WW-T-787		3-9	
(E)											
(E)			1	-23	TUBE	5/16 O.D. × .032 × 5 1/2	AL. ALL. 52S	WW-T-787		3-9	
(E)			1	-22	TUBE	5/16 O.D. × .032 × 2 1/2	AL. ALL. 52S	WW-T-787		3-9	
(E)			1	-21	TUBE	5/16 O.D. × .032 × 15 1/2	AL. ALL. 52S	WW-T-787		3-9	
		PATTERN NO.		6-5657	MODIFICATION						

ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED
LIMITS UNLESS OTHERWISE SPECIFIED ± 1/32

NO.	ALTERATION	DATE	APPR.
E	REM. REF: AN822-5D ③ WAS ② AN818-5D ⑭ WAS ⑯, AN819-5D ⑭ WAS ⑯ & PR #2858A1A WAS AC40370	12-5-43	
E (Cont.)	ADDED -21, -22, -23. REM. -2, -3, -4, -5, AN816-5D & AC32376		
D	NAF1137-1032A WAS NAF1137-1032	8-8-43	Wolley
C	-3 WAS -2, -2 WAS -3	7-30-43	Gale
B	AN822-5D (2) ADDED	7-17-43	Gale
A	SAFETY BELT & -17,	7-8-43	Gale
	-18, -19, -20 ADDED		

DESIGNED		
DRAWN	CHREISLER	6-23-43
TRACED		
CHECKED	FOSTER	6-27-43
APPROVED	McGale	6-27-43
APPROVED		
SCALE	QUARTER & NOTED	

MODIFICATION - ERCO
BOW TURRET

U.S. NAVAL AIR STATION
SAN DIEGO, CALIFORNIA

ASSEMBLY 6-5587
NO. REQ'D PER ASSEM. ONE
MODEL PB4Y-1

6-5657